CONTENTS

No. 1 (February 1982) Page 1– 46
No. 2 (April 1982) Page 47– 96
No. 3 (June 1982) Page 97–134
No. 4 (August 1982) Page 135–170
No. 5 (October 1982) Page 171–226
No. 6 (December 1982) Page 227–288

Originals

Left Hepatic Lobe Atrophy and Partial Budd-Chiari Syndrome in a Patient with Alcoholic Liver Cirrhosis, *H. Lehmann, E. Kaiserling, M. Schlaak* 3

Normal Hepatic Vitamin-D Metabolism in Icteric Primary Biliary Cirrhosis Associated with Pronounced Vitamin-D Deficiency Symptoms, *A. Danielsson, R. Lorenzen, S.-E. Larsson* 6

Distribution of HBs Antigen in Livers Revealed by Orcein Staining, *S. Nakaso, M. Sakurai* 9

Sex Differences in HBsAg and antiHBs Distribution, *M. Chiaramonte, A. Floreani, G. Giani, E. Pornaro, R. Naccarato* 13

Intra- and Extrahepatic Cholesterol Cholelithiasis: Efficacy of Prolonged CDCA Administration, *L. Okolicsanyi, F. Lirussi, S. Pedrazzoli, R. Orlando, C. Zacchi, G. Nassuato, G. Dal Brun, R. Naccarato* . 14

Congenital Cystic Dilatation of the Intrahepatic Biliary Ducts (Caroli's Disease) Transhepatic Cholangiography and Ultrasonic Diagnosis, *M.H. Shammaa, F.B. Najjar, C.K. Allam, G.K. Rizk* 15

Plasma Growth Hormone and Pituitary Growth Hormone Reserve in Children with Bilharzial Hepatic Fibrosis, *K. Zaki, M. Kantoush, M.A. Hamam, N. Mikhail, H. Nour, F. Zaki* 16

Follow-up of Treated Adult Celiac Disease: Clinical and Morphological Studies, *F. Kluge, H.K. Koch, H. Grosse-Wilde, R. Lesch, W. Gerok* 17

Gastrin Secretion in the Menstrual Cycle and Pregnancy, *D.A. Adamopoulos, A. Dessypris, J. Xanthopoulos, E. Chryssicopoulos* 24

Differences in Sulfated Glycosaminoglycans Composition of the Gastrointestinal Mucosa, *G. Geocze, Helena B. Nader* 27

The Effects of Impromidine and Pentagastrin on Gastric Output of Histamine, Acid and Pepsin in Man, *N.R. Peden, E.J.S. Boyd, Helen Callachan, D.M. Shepherd, K.G. Wormsley* 30

Exocrine Pancreatic Function in Patients with Dyspepsia, *B.N. Andersen, J. Scheel, S.J. Rune, H. Worning* 35

Resistance to Iron Accumulation and Presence of Hepatitis B Surface Antigen in Preneoplastic and Neoplastic Lesions in Human Hemochromatotic Livers, *N. Hirota, M. Hamazaki, G.M. Williams* 49

Gluten-free Diet in Chronic Active Hepatitis Associated with Intestinal Villous Atrophy, *J. Lindberg, Chr. Åhrén, J. Jonsson* 52

Half-life Time or Clearance of Indocyanine Green in Patients with Liver Disease, *I.T. Gilmore, J.H. Marigold, R.P.H. Thompson* 55

Results of a Long-term Prospective Study of the Hepatitis B Surface Antigen (HBsAg) Carrier State, *S.V. Feinmann, B. Berris, N. Cooter, J.C. Sinclair, D.M. Wrobel* 58

Percutaneous Transhepatic Cholangiography with the Chiba Needle in the Diagnosis of Cholestasis, *Maria Ermelinda A. Camilo, J. Pinto Correia, A. Gargate* .. 62

Studies on Carbon Tetrachloride-induced Damage to the Rat Liver Microsomes, Evidence for the Role of Calcium, *H. Kröner, M. Planker* 63

Alcoholic Liver Injury and Microsomal Arylamidase Activity in Needle Biopsy of Human Liver, *S. Itoh, T. Satoh, Y. Tsukada, A. Ichinoe* 64

Ultrastructural Observations in Dog Livers in the Late Period of Partial Resection, *N. Feller, I. Halbrecht, I. Notti, M. Djaldetti* 65

Cellular and Humoral Immune Manifestations in Acute Viral Hepatitis, *Luminita Stanciu, D. Cirstina, N. Parau, Dora Radu, D. Dejica, V. Gorgan, Stela Urcan* 66

An Enzyme-Histochemical Study of Liver Biopsies in Human Acute Hepatitis B, *P. Niermeijer, M.J. Hardonk, J. Koudstaal, C.H. Gips* 67

Experimental Evidence for an "Internal Leak" of Cat Gastric Mucosa after Stimulation with Histamine and Carbachol, *L. Demling, J.F. Riemann, H. Schmidt, K. Richter* 68

Measurement of Hepatic and Effective Blood Flow with Radioactive Colloids: Evaluation of Development in Liver Diseases, *M. Fujii, H. Uchino* 101

Evaluation of the Antiviral Effects of Adenine on Chronic HBV Infection, *S. Watanabe, S. Saito, A. Yoshikawa, T. Shibayama, T. Kamimura, S. Suzuki, F. Ischida* 102

HBsAg in Ascitic Fluid of Patients with Hepatic Cirrhosis, *J. Chlumsky, V. Krtek* 106

The Effect of Sham-feeding Gallbladder Volume and Circulation of Bile Acids, *W.E. Hansen, H. Maurer, H. Haberland* 108

Serial Determination of Serum Alpha-fetoprotein Levels after Resection of Hepatocellular Carcinoma, *Naofumi Nagasue, Michio Kobayashi, Ryoichi Kanashima, Kiyoshi Inokuchi* 111

Recent Advances in Diagnostic Techniques in Caroli's Disease. *V. Galloro, O. Cuomo, G. Esposito, G. Uomo, M. Visconti, M. Ziviello* 112

Chronic Pancreatitis – Results in 116 Consecutive, Partial Duodenopancreatectomies Combined with Pancreatic Duct Occlusion, *F.P. Gall, Ch. Gebhardt, H. Zimgible* 115

Effect of Acute Oral and Intravenous Administration of Ranitidine on Prolactin, Thyrotropin and Gonadotropin Serum Levels, *Corinaldesi, R. Pasquali, M. Capelli, A. Galassi, Laura Plate, N. Melchionda, L. Barbara* 120

Anatomic-functional Behaviour of the Gastric Mucosa in Different Clinical Phases (Acute, Quiescent, Relapsing) of Duodenal Ulcer, *A. Giacosa, R. Cheli* 124

Comparison of Twice-daily Ranitidine and Placebo in the Treatment of Duodenal Ulcer – A Multicentre Study in the United Kingdom, *F.I. Lee, J.D. Fielding, C. MacKay, K. Mitchel, R. Mohammed, G.K.T. Holmes, K.R. Hine, J.A. Gibson, E. Lochee-Bayne, W.D. Stone, R.T. Orchard, B.J. Calcraft, J.A. Rose* 127

Some Aspects of Iron Metabolism during Acute Viral Hepatitis, *P. Hengeveld, F.M.J. Zuyderhoudt, A.C. Jöbsis, J. van Gool* 138

High Titre of Antibody to Hepatitis B Core Antigen Detected by Immune Adherence Haemagglutination in HBsAg-positive Acute Hepatitis, *F. Ikegami, S. Takasu, K. Jo, Y. Miyakawa, F. Tsuda, M. Mayumi* ... 142

Transient Autoimmune Thrombocytopenia Associated with Acute Infectious Hepatitis, *Y. Kleinmann, G. Friedman* 144

Radioimmunoassay for Vasoactive Intestinal Polypeptide (VIP) in Plasma before and during Endoscopic Examinations, *Th. Hossdorf, Mo. Burger, Ma. Burger, Ch. Karoff, N. van Husen, H. Wagner* 146

Fundic Pressure Rise Lowers Lower Esophageal Sphincter Pressure in Man, *St. A. Müller-Lissner, A.L. Blum* 151

Effect of Acetylcholine on the Release of Pancreatic and Gastric Somatostatin-like Immunoreactivity in Normal, Chemically Sympathectomized and Indomethacin-treated Dogs, *V. Schusdziarra, W. Stapelfeldt, M. Klier, E.F. Pfeiffer* 153

The Effect of Dietary Fiber on Pancreatic Amylase Activity in Vitro, *W.E. Hansen, G. Schulz* 157

Influence of Gastrointestinal Hormones on the Course of Acute Experimental Pancreatitis, *A. Evander, I. Lundquist, I. Ihse* 161

The Diagnostic Necessity of Liver Biopsy in Drug Abusers with Normal Liver Function Tests, *Yvonne Arthurs, G.D. Doyle, J.F. Fielding* 175

Possible Antiendotoxin Activity of (+)-Cyanidanol-3 in Experimental Hepatitis in the Rat, *D. Scevola, E. Magliulo, G. Barbarini, P. Marone, C. Filice, G. Carnevale, V. Meroni* 178

Increased Frequency of DR3 Antigen in Alcoholic Hepatitis and Cirrhosis, *B. Bron, D. Kubski, J.J. Widmann, V. von Fliedner, M. Jeannet* 183

An Autopsy Case of Primary Hepatoma Associated with an Oral Contraceptive, *K. Horii, M. Yasui, Y. Yamamoto, O. Ishida, H. Itoh* 187

Iron Mobilization with Chelating Agents during Acute Viral Hepatitis, *P. Hengeveld, F.M.J. Zuyderhoudt* 191

Cimetidine: Harmful in Acute Experimental Pancreatitis? *P.G. Lankisch, H. Koop, K. Winckler, J. Otto* . 195

A Special Form of Segmental Pancreatitis: "Groove Pancreatitis", *M. Stolte, W. Weiß, H. Volkholz, W. Rösch* 198

Angiography Changes after Selective and Superselective Embolization of Branches of Superior Mesenteric Artery in the Small Bowel of the Dog, *G. Nöldge, G. Grosser, G.W. Kauffmann, W. Wenz* 209

Stimulatory Effect of Pentagastrin on Growth Hormone Secretion in Man, *S. Domschke, G. Lux, W. Domschke* 213

Sex Differences in Rat Liver Bile Acids, W. Kurtz, *U. Leuschner, A. Hellstern, P. Janka* 227

Renal Bile Acid Excretion as a Cause of Neoplastic Lesions in the Urinary Tract after Total Portacaval Shunt in the Normal Rat? *M. Grün, E. Richter, W.D. Heine* 232

Treatment of Human Echinococcosis with Mebendazole, *E. Müller, A. Akovbiantz, R.W. Ammann, J. Bircher, J. Eckert, K. Wissler, F. Witassek, B. Wüthrich* 236

Protection by BCG. Levamisole, PS-K, OK-432, and Vitamin E against Carbon Tetrachloride Hepatotoxicity, *T. Yoshikawa, Y. Furukawa, Y. Wakamatsu, M. Kondo* 240

Effect of Cortisone on the Behavior of Serotonin, 5-Hydroxy-indolacetic Acid and Monoaminooxidase in the Liver Tissue, the Blood and the Urine in Experimental Rabbit Liver Injury with CCl_4, *A. Borzuchowska, P. Boroń, T. Szpakowicz, D. Prokopowicz, A. Boroń-Kaczmarska, B. Pytel* 243

Cryoglobulins in Patients with Acute Hepatitis and Inflammatory Bowel Disease, *Y. Levo* 246

Relation of Serum Alkaline Phosphatase to Liver Scintigram in Patients with Hepatocellular Carcinoma, *H. Nishimura, T. Harada, J. Nawata, M. Hayakawa, M. Nishioka, T. Takemoto, T. Yokoyama, M. Takahashi* 249

Effects of Phenobarbital on Unconjugated Bilirubin Clearance, γ-Glutamyltranspeptidase and Urinary d-Glucaric Acid in Patients with Gilbert's Syndrome, *H. Kawasaki, Y. Murawaki, N. Kimura, C. Hirayama.* .. 252

A New Staining Method for Hepatitis B Surface Antigen by Horseradish Peroxidase, *Y. Sawa, Y. Kubo, T. Hinosaka, T. Kaneko, K. Tanikawa, K. Sakamoto* . 256

No Evidence or Carcinogenicity of N-Nitrosocimetidine in Rats, *M. Habs, G. Eisenbrand, H. Habs, D. Schmähl* 265

Effects of Carprofen and Indomethacin on Gastric Function, Mucosal Integrity and Generation of Prostaglandins in Men, *S.J. Konturek, N. Kwiecien, W. Obtulowicz, A. Kiec-Dembinska, M. Polanski, B. Kopp, E. Sito, J. Oleksy* 267

Gastric Cytoprotection by Antacids and Papaverine in Rats, *J. Hagel, H. Renner, M. Hirsch, G. Weig, B. Kaduk, H. Ruppin, W. Domschke* 271

Immunocytochemical Demonstration of a_1-Antitrypsin and a_1-Antichymotrypsin in Human Gastrointestinal Tract, *C. Kittas, K. Aroni, A. Matani, C.S. Papadimitriou* 275

Changes in Serum Immunoreactive Pancreatic Elastase 1 in Acute Pancreatitis, *A. Murata, M. Ogawa, K. Fujimoto, T. Kitahara, G. Kosaki* 278

Editorials

The Value of Endoscopic Sclerotherapy of Esophageal Varices, *N. Soehndra* 1

Therapeutic Potential of α-Glucosidase-Inhibitors, *U.R. Fölsch* 47

Non-A, Non-B Hepatitis: Current Status, *R. Müller* .. 97

Acid Rebound: Fact or Fiction, *K.-H. Holtermüller* . 135

Smoking and Peptic Ulcer Disease. An Economic Approach to Doctors' Attitudes, *K. Gibiński, E. Lelkowa, J. Wistuba* 171

Peritoneal Lavage in Severe Pancreatitis, *M. Neher, H.P. Schuster* 263

Case Reports

Percutaneous Decompression of an Intraintestinal Balloon, *E. Frimberger, W. Kühner, J. Weingart, A. Waldthaler, R. Ottenjann* 38

Amyloidosis Revealed by Monosymptomatic Dysphagia, *Anne Lavergne, Annie Galian, Remi Defrance, Etienne Fournier* 72

A Case of Pancreatic Carcinoma Presenting Ascites as an Initial Sign – with Special Reference to Possible Precancerosity of Chronic Calcifying Pancreatitis *H. Watanobe, K. Imamura, O. Uehara, K. Takebe, K. Ihara* 216

Congenital Hepatic Fibrosis with Polycystic Disease of the Kidneys, *L. Sztriha, K. Gyurkovits, J. Ormos, Z. Mónus* 259

Reviews

Anticholinergics for Peptic Ulcer – a Renaissance? *W. Londong* 40

Factors Determining the Site of Chronic Gastroduodenal Ulcers, *R.M. Kirk* 75

Possibilities and Limitations of the Cytostatic Treatment of Gastrointestinal Carcinoma, *F. Trux* 130

Some Aetiological Factors in the Epidemiology of Crohn's Disease, *J.F. Mayberry* 167

Scintigraphic Diagnostics in Cholestasis, *J. Mahlstedt* 220

Advances in Resective Ulcer Surgery, *P. Langhans* . 281

Abstracts, European Gastro-Club 86

Book Reviews 96, 169

AUTHOR's INDEX

A
Aadland, E. 89
Accary, J.P. 87
Adachi, Y. 187
Adamopoulos, D.A. 24
Åhrén, Chr. 52
Akorbiantz, A. 236
Allam, C.K. 15
Allgöwer, M. (B) 169
Ammann, R.W. 236
Andersen, B.N. 35
Aroni, K. 275
Arthurs, Y. 175

B
Bali, J.P. 90
Barbara, L. 120
Barbarini, G. 178
Baron, J.H. 92
Berris, B. 58
Berstad, A. 89, 92
Bianchi Porro, G. 86
Bircher, J. 236
Blom, H. 91
Blum, A.L. 90, 151
Bonfils, S. 87
Borin, G. 90
Boroń, P. 243
Boroń-Kaczmarska, A. 243
Borzuchowska, A. 243
Boyd, E.J.S. 30, 88
Bron, B. 183
Büchler, M.W. (B) 134
Burger, M. 146

C
Calcraft, B.J. 127
Callachan, H. 30
Camilo, M.E.A. 62
Capelli, M. 120
Carlsson, E. 88
Carnevale, G. 178
Caruso, J. 86
Cederberg, C. 88
Cheli, R. 124
Chevalier, T. 87
Chiaramoute, M. 13
Chlumsky, J. 106
Chryssicopoulos, E. 24
Cirstina, D. 66
Classen, M. 86
Cooter, N. 58
Corinaldesi, R. 120
Cuomo, O. 112

D
Dal Brun, G. 14
Danielsson, A. 6
Defrance, R. 72
Dejica, D. 66
Dembiński, A. 94
Demling, L. 68, 86
Dessypris, A. 24
Djaldetti, M. 65
Domschke, S. 94, 213
Domschke, W. 94, (B) 134, 213, 271
Doyle, G.D. 175
Duchateau, A. 93

E
Eckert, J. 236
Eisenbrand, G. 265
Ekenved, G. 88
Elander, B. 88
Elster, K. 95
Emas, S. 89
Esposito, G. 112
Evander, A. 161

F
Feinmann, S.V. 58
Fellenius, E. 88
Feller, N. 65
Fernström, M. 89
Ferri, G.-L. 90
Fielding, J.F. 175
Fielding, J.D. 127
Filice, C. 178
Fliedner, V. von 183
Floreani, A. 13
Fölsch, U.R. 47
Forssmann, W.G. 87
Fournier, E. 72
Friedman, G. 144
Frimberger, E. 38
Frislid, K. 89
Fujii, M. 101
Fujimoto, K. 278
Furukawa, Y. 240

G
Galassi, A. 120
Galian, A. 72
Gall, F.P. 115
Galloro, V. 112
Gargate, A. 62
Gebhardt, Ch. 115
Gelin, M.L. 92
Geocze, S. 27
Gerok, W. 17 (B) 96
Giacosa, A. 124
Giani, G. 13
Gibiuski, K. 171
Gibson, J.A. 127
Gilmore, I.T. 55
Gips, C.H. 67
Goehring, W. 90
Gorgan, V. 66
Grosser, G. 209
Grosse-Wilde, H. 17
Grün, M. 232
Guldvog, I. 92
Gyurkovits, K. 259

H
Haberland, H. 108
Habs, H. 265
Habs, M. 265
Hagel, J. 271
Haglund, U. 88
Halbrecht, I. 65
Hamann, M.A. 16
Hamazaki, M. 49
Hansen, W.E. 108, 157
Harada, T. 249
Harder, F. (B) 169
Hardonk, M.J. 67
Harris, A. 90
Hayakawa, M. 249
Heine, W.D. 232
Helander, H.F. 91
Hellstern, A. 227
Hengeveld, P. 138, 191
Hine, K.R. 127
Hinosaka, T. 256
Hirayama, C. 252
Hirota, N. 49
Hirsch, M. 271
Hollender, L.F (B) 169
Holmes, G.K.T. 127
Holtermüller, K.-H. 135
Horii, K. 187
Hossdorf, Th. 146

I
Ichinoe, A. 64
Igekami, F. 142
Ihara, K. 216
Ihse, I. 161
Imamura, K. 216
Inokuchi, K. 111
Ischida, F. 102
Ishida, O. 187
Itoh, H. 187
Itoh, S. 64

J
Jauka, P. 227
Jeannet, M. 183
Jo, K. 142
Jöbsis, A.C. 138
Jousson, J. 52

K
Kaduk, B. 271
Kaess, H. 86
Kaiserling, E. 3
Kamimura, T. 102
Kanashima, R. 111
Kaneko, T. 256
Karoff, Ch. 146
Kauffman, G.L. 93
Kauffmann, G.W. 209
Kaul, B.K. 89
Kautoush, M. 16
Kawasaki, H. 252
Kekki, M. 95
Kiec-Dembinska, A. 267
Kimura, N. 252
Kirk, R.M. 75
Kitahara, T. 278
Kittas, C. 275
Kleinman, Y. 144
Klier, M. 153
Klopper, P.J. 90
Kluge, F. 17
Kobayashi, M. 111
Koch, H.K. 17
Koller, F. (B) 169
Kolstad, B. 89
Kondo, M. 240
Konturek, S.J. 267
Koop, H. 195
Kopp, B. 92, 267
Kosaki, G. 278
Koskenvuo, M. 95
Kondstaal, J. 67
Konturek, S.J. 92
Kröner, H. 63
Krtek, V. 106
Kubo, Y. 256
Kubski, D. 183
Kühner, W. 38
Kurz, W. 227
Kwiecen, N. 92, 267

L
Langhans, P. 281
Lankisch, P.G. 195
Larsson, H. 88
Larsson, S.-E. 6
Lavergne, A. 72
Lazzaroni, M. 86
Lee, F.I. 127
Leevy, C.M. (B) 96
Lehmann, H. 3
Lelkowa, E. 171
Lesch, R. 17
Leuschner, U. 227
Levo, Y. 246
Lewin, M.J.M. 94
Lind, T. 88
Lindberg, J. 52
Lirussi, F. 14
Lochee-Bayne, E. 127
Lojda, Z. 88
Londong, W. 40
Loventzou, R. 6
Lorenz, W. 88
Lundquist, I. 161
Lux, G. 213

M
MacKay, C. 127
Magliulo, E. 178
Mahlstedt, J. 220
Marangos, P.J. 90
Maratka, Z. 88
Marigold, J.H. 55
Marone, P. 178
Matani, A. 275
Maurer, H. 108
Mayberry, J.F. 167
Mayumi, M. 142
McCloy, R.F. 92
Melchionda, N. 120
Meroni, V. 178
Mikhail, N. 16
Mitchell, K. 127
Miyakawa, Y. 142
Mohammed, R. 127
Mónus, Z. 259
Moroder, L. 90
Moutrone, F. 86
Müller, E. 236
Müller, R. 97
Müller-Lissner, S.A. 90, 151
Murata, A. 278
Murawaki, Y. 252

N
Naccarato, R. 13, 14
Nader, H.B. 27
Nagasue, N. 111
Nagel, G.A. (B) 169
Najjar, F.B. 15
Nakaso, S. 9
Nassuato, G. 14
Nawata, J. 249
Neher, M. 263
Neuhaus, K. (B) 169
Niermeijer, P. 67
Nishimura, H. 249
Nishioka, M. 249
Nöldge, G. 209
Notti, I. 65
Nour, H. 16

O
Obtulowicz, W. 92, 267
Ogawa, M. 278
Okolicsauy, L. 14
Olbe, L. 88
Oleksy, J. 92, 267
Orchard, R.T. 127
Orlando, R. 14
Ormos, J. 259
Ottenjann, R. 38
Otto, J. 195

P
Papadimitriou, C.S. 275
Parau, N. 66
Pasquali, R. 120
Paumgartner, G. (B) 96
Pearse, A.G.E. 90
Peden, N.R. 30, 88
Pedrazzoli, S. 14
Peiper, H.-J. 169
Petersen, H. 89
Petrillo, M. 86
Pfeiffer, E.F. 153
Pinto Correia, J. 62
Planker, M. 63
Plate, L. 120
Polak, J.M. 90
Polanski, M. 267
Pornaro, E. 13
Previevo, A. 90
Prokopowicz, D. 243
Pytel, B. 243

R
Radu, D. 66
Reinecke, M. 87
René, E. 87
Renner, H. 271
Reyl, F. 94
Rhode, H. 88
Richter, E. 232
Richter, K. 68, 86
Riemann, J.F. 68, 86
Rigaud, D. 87
Riszk, G.K. 15
Rösch, W. 95, 198
Rose, J.A. 127
Rotter, J. 95
Rune, S.J. 35
Ruppin, H. 271
Rydning, A. 89

S
Saito, S. 102
Sakamoto, K. 256
Sakurai, M. 9
Samloff, I.M. 95
Sarna, S. 95
Satoh, T. 64
Sauerbruch, T. 86
Sawa, Y. 256
Seevola, D. 178
Schaudi, J. 95
Scheel, J. 35
Schmidt, H. 68, 86
Schlaak, M. 3
Schmähl, D. 265
Schulz, G. 157
Schusdziarra, V. 153
Schuster, H.P. 263
Sewing, K.-Fr. 91
Shammaa, M.H. 15
Shepherd, D.M. 30, 88
Shibayama, T. 102
Siewert, J.R. (B) 169
Sinclair, J.C. 58
Sito, E. 267
Siurala, M. 95
Sjöstrand, S.E. 88
Soehendra, N. 1
Stanciu, L. 66
Stapelfeldt, W. 153
Stiehl, A. (B) 96
Stolte, M. 198
Stone, W.D. 127
Sundell, G. 88
Suzuki, S. 102
Swierczek, J. 92
Szpakowicz, T. 243
Sztriha, L. 259

T
Takahashi, M. (B) 169, 249
Takasu, S. 142
Takebe, K. 216
Takemoto, T. 249
Tanikawa, K. 256
Thompson, R.P.H. 55
Thon, K. 88
Troidl, H. 88
Trux, F. 130
Tsuda, F. 142
Tsukada, Y. 64

U
Uchino, H. 101
Uehara, O. 216
Uomo, G. 112
Urcan, S. 66

V
Vague, M. 92
Van der Reis, L. (B) 169
Van Gool, J. 138
Van Husen, N. 146
Varga, L. 93
Varis, K. 95
Varro, V. 93
Visconti, M. 112
Volkholz, H. 198

W
Wagner, H. 146
Wakamatsu, Y. 240
Waldthaler, A. 38
Wallmark, B. 88
Watanabe, S. 102
Watanobe, H. 216
Weber, D. 88
Weig, G. 271
Weihrauch, Th.-R. (B) 170
Weingart, J. 38
Weiß, W. 198
Weißenborn, U. 91
Wenz, W. 209
Whittle, B.J.R. 93
Widmann, J.J. 183
Williams, G.M. 49
Winckler, K. 195
Wissler, K. 236
Wistuba, J. 171
Witassek, F. 236
Wormsley, K.G. 30, 88 (B) 134
Worning, H. 35
Wrobel, D.M. 57
Wünsch, E. 90
Wüthrich, B. 236

X
Xanthopoulos, J. 24

Y
Yamamoto, T. 187
Yasui, M. 187
Yokoyama, T. 249
Yoshikawa, A. 102
Yoshikawa, T. 240

Z
Zacchi, C. 14
Zaki, F. 16
Zaki, K. 16
Zeitoun, P. 93
Zirngibl, H. 115
Ziviello, M. 112
Zuyderhoudt, F.M.J. 138, 191

Subject Index

A
Acarbose, safety 48
– structure 42
Acetylcholine 153
Acid, gastric output 30
– rebound 135ff
– secretion gastric, Inhibition 88
Acridine, orange 68
Activity, antiendotoxin 178
Adenine, arabinoside 102
– – side effects 104
Adrenergic mechanisms 153
Adriamycin 130
AFP, determination 111
Alcohol and gastrointestinal tract 96 (B)
ALP 240
– electrophoresis 250
Alphafetoprotein s. AFP
Amylase, pancreatic activity 157f
Amyloidosis, systemic 72
Anemia aplastic 144
Antacid calcium-free 137
Anti-HBs distribution, sex differences 13
Anticholinergics conventional 40ff
α_2-Antichymotrypsin 275
α_1-Antitrypsin 275
Aprotinin 150
Arteries, intrapancreatic, fibrosis intimal 200
Arteriography, hepatic 188
Artery, mesenteric, superior, embolization, superselective 209
Ascites, CT scanning, abdominal 217
– fluid, HBsAg 106
– sign, initial 216f
Aspirin, gastric lesions 86

B
Balloon, intraintestinal, decompression percutaneous 38
– – waterfilled 38
BCG 240
Benzimidazole 88
Bicarbonate, sodium 135
Bile acid 108f
– – extraction 228
– – and lipids 96 (B)
– – Liver fraction, subcellular 230
– – renal, excretion 232
– unsulphated 229
– – common, stenosis, tubular 204
– – intrahepatic, dilatation, congenital 112
– – obstructed 251
– – obstruction 251
biliary duct system, obstruction 221
Bilirubin, unconjugated, Clearance 252
Billroth II 282
– resection 36
Bombesin 92
Bone, mineralization 6
Bowel disease, inflammatory 246
Brunner's gland, hyperplasia 201
Budd-Chiari-Syndrome 3ff

C
Calcium carbonate 135
Cancer cytology, Atlas 169 (B)
Carbachol 68
Carbohydrates, digestion 157
Carbon tetrachloride, Hepatotoxicity 240
– – Intoxication, Calcium 63
Carcinoma colorectal, therapy, palliative 131
– esophageal, therapy palliative 131
– gastrointestinal, prognosis 130
– – therapy, palliative 130
– – treatment, cytostatic 130ff
– hepatocellular 60, 249
– – primary 49
– – resection, α-fetoprotein levels 111
– pancreas, chemotherapy, palliative 131
– pancreatic 216ff
Carcinogenicity, N-nitrosocimetidine 265
Caroli's disease 15
– – diagnosis 112
Carprofen 267
Celiac disease, adults, treatment 17f
– – analysis, amino acid 17
– – blood, chemistry 18
– – electron, microscopy 18
– – HLA-typing 17
– – histochemistry 18
– – Microvilli 19
– – mucosal, changes 20
Chenodeoxycholic, acid 14
Chiba needle 62
Cholangiocarcinoma 189
Cholangiography, transhepatic 15
– – percutaneous 62
Cholangio-pancreatography, endoscopic, retrograde 112
Cholecystokinin 108, 213
Cholelithiasis, cholesterol, extrahepatic 14
– – intrahepatic 14
Cholestasis, diagnostics, scintigraphic 220
– extrahepatic 62
– intrahepatic 62
– parenchymal 223
Cholesterol, extrahepatic 14
– intrahepatic 14
Cimetidine 32, 43, 195
– effect on enzymes, in ascites 196
– – – in serum 196
– – gonadotropine 120
– – thyrotropin, regulation 120
– Mucosa gastroduodenal, histochemistry 88
Circulation, enterohepatic 108
– – interrupt, consequences 234
– portal, decompensation 106
Cirrhosis 183
– biliary, primary 6ff
– postnecrotic 60
Coeliac disease 52
Colitis, ulcerative 246
Coma, hepatic 4
Computerized, axial, tomography 112
Contraceptive, oral, Hepatoma, primary 187f
Cortisone, effect, Serotonin behaviour 243
Crohn's disease 206
– – agents, environmental 167
– – epidermiology 167f
– – heredity 167
Cryoglobulins 246ff
(+)Cyanidanol-3 178
Cystic dilatation, congenital, cholangiographic, transhepatic 15
– – – ultrasonic diagnosis 15
Cysts, pancreatic 206
Cytoplasmic degeneration, focal 21
Cytoprotection, gastric 271

D
DFO test 192
Diabetes mellitus type I 47
– type II 47
Diarrhoea chronic 35
Diet, gluten-free 17, 52ff
DNA polymerase activity 102
Dogs sympathectomized 153
DR 3 antigen 183
Drug abusers 175
Drugs antimuscarinic conventional side-effects 40
Ducts biliary intrahepatic 15
Duct pancreatic, occlusion 115f
Dumping syndrome 47
Duodenitis 78
Duodenopancreatectomies, indications 117
Duodenopancreatectomy partial 115
– – complication, postoperative 117
Dyspepsia 35
– function pancreatic exocrine 35
– test meal 36
Dysphagia monosymptomatic 72ff

E
Echinococcosis, granulosa 236
– haemagglutination test, indirect 238
– Immunfluorescent test, indirect 238
– multilocularis 236
– results, long-term 236
– treatment 236
Elastase, pancreatic 279
– pancreatic, immunoreactive 278
Embolization, selective 209
– superselective 210
Endophlebitis of vein, hepatic 4
Endotoxaemia 180
Enkephalin, vagal 92
Erythrocytosis 182
Esophagus, amyloid deposits 73

F
Factors, hepatotrophic 234
Ferritin, protein 138
Fibrosis, hepatic, bilharzial 16
– – congenital 259f
– interstitial, low-grade 199
Fluorescence, microscopy 68
5-Fluorouracil 130
Function, hepatobiliary 222
– pancreatic 35

G
Galactosamine 178
Gallbladder-motility 108f
Gallstones, cholesterol 14
Gastric acid, hypersecretion 135
– disease, symptomatology 286
– function 267
Gastric juice 31
– surgery, histology 286
Gastrin catabolism 93
– levels, umbilical vein blood 24
– release, antral, calcium role 136
– secretion 24ff
Gastrinemia 125
Gastritis 78
Gastritis B, inheritance 95
– atrophic chronic 283
– chronic, biopsy stepwise 95
Gastroenterologie, chirurgische 169 (B)

Gastrointestinal tract, demonstration, immunocytochemical 275
Gianturco-Anderson-Wallace coils 209
Gilbert's syndrome 252
– – phenobarbital treatment 253
d-Glucaric acid, urinary excretion 252
^{14}C-glycocholic acid, excretion 233
Glycosaminoglycans, gastrointestinal 27ff
α-Glucosidase-inhibitors 47
γ-Glutamyl-transpeptidase 252
Growth hormone, reserve, pituitary 16
– – –, plasma 15
– – secretion, Pentagastrin 213
Guar gum 157

H
Haemagglutination, immune adherence 142
HBsAg in Ascitic fluid 106
– carriers 58
– distribution, sex differences 13
– immunoperoxidase, staining 256
Hepatic cirrhosis, HBsAg 106f
– lobe atrophic 3ff
Hepatitis, active, chronic 52, 58
–, acute 246
– – cryoproteins 247
– – HBsAg-positive 142
– B, acute, ATPase, activity 67
– – –, SGPT level 67
– – infection, chronic 102
– – – marker, virological 104
– – surface, antigen 49
– – – – (HBsAg) 256
– – core, antigen titre 142f
– alcoholic 183
– – HLA-DR antigen 184
– infectious, acute, thrombocytopenia 144
– Non-A, Non-B 97ff
– – delta, antigen-antibody 98
– Non-B 142
– persisting, chronic 58
– posttransfusion 97
– viral, acute, ferritin levels 138
– – – iron mobilisation 191
– – diffuse, iron 138f
Hepatoma, primary 187f
Hepatocyte, orcein-positive 9f
– – – distribution 11
Hepatomegaly, hypertension, portal 261
– stones, intrahepatic 113
Hepatotoxicity 240
Histamine, assays 88
– gastric, output 31
– H_2-agonist 30
HLA-DR, antigen 183
Hormones, gastrointestinal 161ff
– secreting, tumors 87
Horseradish, peroxidase 256
H_2-Receptor, antagonists, 43
– blockers 120
Hydroxide, aluminium-magnesium 135, 271
– magnesium 135
5-Hydroxy-indoloacetic acid 244
Hyperacidity 282
Hyperlipoproteinämie 48
Hypersecretion 282
– gastric, calcium-induced, Magnesium effect 136
Hypertension, portal 52, 259, 261

I
IgMK 247
Immunoreactivity, somatostatin-like 153f
Impromidine 30
Indian ink 178
Indocyanine green 55f
Indomethacin 267
Integrity, mucosal 267
Internal Leak 86
Ischaemia 76
Iron accumulation 49
– chelation 191
– DFO-chelatable 194
– metabolism 138ff

K
Kaiser, phenomenon 202
Kidney, polycystic 259
– scan 260

L
Leak, internal 68f
Lesions, gastrointestinal, Indometacin-induced 91
Levamisole 240
Lignin 157
Limulus-test 178
– degrees 180
Liver alcoholic, Arylamidase, activity 64
– bile acid, sex differences 227
– biopsy 59, 175
– cancer 49ff
– cells, ultrastructure 260
– cirrhosis, alcoholic 3ff
– – nodule 49
– diseases, anti-HBs 9
– – blood flow, effective 101
– – chronic 97, 175ff
– – endotoxin, role 180
– – HBsAg 9ff
– – Indocyanine-green-elimination 55
– function tests 55
– hemochromatotic 49
– microcarcinoma, focus, iron-free 50
– organelles 227
– resection, cells, ultrastructural changes 65
– section, frontal, complete 70
– Scintigram 187, 249
– tissue, analysis, chemical 139
– – histology 139
– tumor, localization, ALP 250
– ultrasonography 112
– Weight, fraction, subcellular 228

M
Magenkrankheiten 134 (B)
Manometry, esophageal 170
Mebendazole 236
– side-effects 239
Meckelsches Divertikel, Strukturanalyse 134 (B)
Menstrual cycle, gastrin, secretion 24ff
N-methyl-N′-nitro-N-nitrosoguanidin 287
Mitomycin 130
Monoaminooxidase, activity 243
Mucosa, flat 18
– erosion, shallow 274
– gastric, Sample-taking 88
– gastrointestinal, Glycosaminglykans, sulfated 27
– intestinal, Celiac, disease 19
– ultrastructure 17
– Muscarinic, antagonists 43
Muscularis; mucosae, esophagus, amyloid 73
Mycobacterium kansasii 167

N
Nagayana's immunofluorescent antibody technique 9f
Needle puncture 38
Neuron specific enolase 90
N-nitrosocimetidine carcinogenicity 265
Notfallsituationen, internistische 169 (B)

O
Obesity 47
Oesophagitis reflux, alkaline 284
Orcein staining, methode 9
Osteomalacia 6
Oxometidine 122

P
Pain, abdominal 35
Pancreatitis, acute 278
– – Amylase activity 279
– – Cimetidine 195
– – experimental, hormones, gastrointestinal 161
– – grade II, therapy, modalities 263
– alcoholic 196
– autodigestive-tryptic, acute 163
– chronic 35
– – morphology 117
– – possible 37
– – treatment, operative 115 ff
– groove 198ff
– – aetiopathogenesis 206
– – clinic 200
– – differential diagnosis 201
– – factors, pathogenetic 207
– – Morphologic 201
– – segmental 199
– – symptomatology 200
– head, cysts 203
– segmental 198
Papaverine 271
Papilla duodenal, minor closed 207
Parenchyma, pancreatic, cicatrization 200
Parietal cell, autoantibodies 93
– – regenerating, Ametidine 91
– – – Pentagastrin 91
Pelvis renal, papilloma 233
Pentagastrin 30, 213
Pepsin, gastric output 30
– secretion 89
– test 92
Pepsinogen I, II, in twins 95
Peptide, gastrin related 96
Peptostreptococci 167
Peritoneal lavage 263f
– – effects 264
Perls' reaction, for iron 138f
Peroxidase, reactions, endogenous 275
Phenobarbital, treatment 252
Phlebothrombosis 187f
Phosphatase, alkaline serum s. ALP
Pirenzepine, pharmacology, clinical 41
– trials, clinical 41
Polycystic, disease 259f
Polypeptide, vasoactive, intestinal s. VIP
Portocaval shunt, total 232
Pregnancy, complicated, gastrin secretion 25
– normal, gastrin secretion 24ff
Pressure, intragastric 151
Prostaglandin E_2 153, 267, 271
– gastric, mucosal blood flow 269
Pseudocysts, biliary, deviation 113
– post-pancreatitic 200

Psyllium 157
Pyloroplastic 281

R
Radioimmunoassay 146, 278
Rantidine 86, 89, 120, 127, 271
Reflux, duodenogastric 285
– – degree 287
– bile, unphysiological 281
Regurgitation 72
Resection, gastric 35
Roux-en-Y anastomosis 282

S
Secretion acid, gastric 125
– – – Role 92
– – pentagastrin-induced 268
– gastric, histamine 36
Serotonin metabolism 243
Scintigraphy, hepatobiliary 220
Sclerotherapy, endoscopic 1ff
Sham-feeding 108
– effects 109
Siderosis, systemic 49
Somatostatin, inhibition test 87
Splenomegaly 113
Sphincter, esophageal pressure 90
– – – lower 151
Splenoportography 260
Sprague 265
Steatorrhea 8
Stenosis, duodenal 198
– suprapapillary, high-grade 203
Stepwise, biopsy 95
Stimulus, vagal 108
Stomach 169 (B)
– carcinoma, operation-sequel 286
– Innervation, pepticlergic 87
– lesions 273
Streptozotocin 131
Sucralfate 86
Sulfinpyrazone, gastric lesions 86
Syndrome, hepatitis-like, viral 97

T
Thiobarbituric, acid, substances, reactive 240
Thrombocytopenia, autoimmune, transient 144
Transaminase 59
Trypsin, inhibitor 161
Tumor markers 212

U
Ulcer, acid-type 283
– anastomosis 285
– atrophic-type 282
– duodenal 78
– – antacid tablets 89
– – healing, histology 125
– – Mucosa gastric, behaviour 124
– – Placebo 127ff
– – – assessment, endoscopic 128
– – – – symptomatic 128
– – – haematology 128
– – Ranitidine 127
– – – assessment, endoscopic 128
– – – haematology 128
– – secretion gastric 88
– – sucrafate prevents 86
– gastric, pathogenesis 68, 86
– gastroduodenal, chronic 75
– – location 80
– hemorrhagic 271
– neurogenic 77
– peptic, anticholenergics 40ff
– – chronic, acid output 75
– – – contents, duodenal 76
Ulcer peptic, chronic, diet 76
– – – drugs 76
– – – Influences 79
– – – Ischaemia 76
– – – mucosa, gastroduodenal 77
– – – sites 75
– – disease, smoking 171ff
– – pathogenesis 75
– pyloric 89
– surgery, resective 281f
– – treatment, concept 282
Ulceration, Thromboxame, A_2-induced 93
Ureter, epithelium, hyperplasia 233
Urinary, iron 191ff
– tract, neoplasia lesions 232

V
Vagotomy 77
– selective 89
– – proximal 89
Varices, esophageal, Sclerotherpy, endoscopic 1ff
Venography 189
Vincristin 131
VIP 146ff
– radioimmunoassay 147
– secretion, basal 148
– – colonoscopy 149
– – gastroduodenoscopy 149
Villous atrophy, intestinal 52
Vitamin D, absorption, intestinal 7
– deficiency, Symptoms 6
– metabolism 7
Volume hepatic, changes 101

W
Weight loss, unexplained 35
Weight-reduction 38
Wheat, bran 157

Z
Zollinger-Ellison-syndrome 43